

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the claims

1.-23. (Canceled)

24. (Currently Amended): An apparatus for temporarily buttressing a neck of an aneurysm within a vessel wall, the apparatus comprising:

a delivery wire having a proximal end and a distal end; and
an expandable and contracted scaffold positioned at affixed to the distal end of the delivery wire and extending distally beyond the distal end of the delivery wire, the scaffold being configured wherein, when placed within the vessel at a location adjacent the aneurysm neck, the scaffold prevents escape of embolic agents from the aneurysm while allowing blood flow through the vessel.

25. (Previously Presented): The apparatus of claim 24, wherein the scaffold comprises fibers.

26. (Previously Presented): The apparatus of claim 25, wherein the fibers comprise a metal.

27. (Previously Presented): The apparatus of claim 25, wherein the fibers comprise a polymer.

28. (Previously Presented): The apparatus of claim 24, wherein the scaffold comprises a plurality of open cells.

29. (Previously Presented): The apparatus of claim 24, wherein the scaffold comprises a mesh.

30. (Previously Presented): The apparatus of claim 24, wherein the scaffold comprises a braid.

31. (Previously Presented): The apparatus of claim 24, wherein the scaffold comprises an array of wires helically spaced from each other.

32. (Previously Presented): The apparatus of claim 24, wherein the scaffold has a cylindrical midsection.

33. (Withdrawn): The apparatus of claim 24, wherein the scaffold has a midsection wherein at least a portion of the midsection is covered by a film.

34. (Withdrawn): The apparatus of claim 33, wherein the film is piercable or foraminous.

35. (Previously Presented): The apparatus of claim 24, wherein the scaffold has a tapered distal end.

36. (Previously Presented): The apparatus of claim 24, wherein the scaffold has a tapered proximal end.

37. (Previously Presented): The apparatus of claim 24, wherein the scaffold is expandable to the diameter of the vessel.

38. (Previously Presented): The apparatus of claim 24, wherein the scaffold is contractable to fit within a lumen of a microcatheter.

39. (Previously Presented): The apparatus of claim 24, wherein a radial or longitudinal dimension of the scaffold is changeable.

40. (Previously Presented): The apparatus of claim 24, further comprising a tracking tip coupled to a distal end of the scaffold.

41. (Previously Presented): The apparatus of claim 24, wherein the scaffold is detachable from the delivery wire.

42. (Previously Presented): The apparatus of claim 24, wherein delivery wire is hollow.

43. (Withdrawn): The apparatus of claim 42, further comprising a control wire extendable through the delivery wire and attached to the distal end of the scaffold.

44. (Withdrawn): The apparatus of claim 43, wherein the control wire comprises a tracking tip at a distal most end.

45. (Withdrawn): The apparatus of claim 24, wherein an inflatable and deflatable balloon is arranged within the scaffold.

46. (Withdrawn): The apparatus of claim 45, wherein the balloon is pressurizable and depressurizable by a fluid transmittable through the hollow delivery wire to the balloon.

47. (Withdrawn): The apparatus of claim 41, wherein the fluid is a liquid medicament.

48. (Previously Presented): A system for temporarily buttressing a neck of an aneurysm within a vessel wall, the system comprising:

a delivery wire having a proximal end and a distal end;
~~an expandable and contractable scaffold positioned at affixed to the distal end of the delivery wire and extending distally beyond the distal end of the wire, the scaffold being~~
configured wherein, when placed within the vessel at a location adjacent the aneurysm neck,

the scaffold prevents escape of embolitic agents from the aneurysm while allowing blood flow through the vessel; and

a microcatheter sized for delivery within the vessel, wherein the microcatheter defines a lumen sized for delivery of the delivery wire therethrough.

49. (Previously Presented): The system of claim 48, wherein the microcatheter is sized to allow for passage of an embolitic delivery catheter alongside the scaffold.

50. (Withdrawn): The system of claim 48, wherein the scaffold is configured to allow passage of an embolitic delivery catheter through the scaffold.

51. (Previously Presented): The system of claim 48, wherein the microcatheter is further sized for passage of the scaffold in a contracted state, and wherein the scaffold is expandable upon distal advancement beyond a distal end of the mircocatheter.

52. (Previously Presented): The system of claim 24, wherein a proximal end of the scaffold is tapered into the distal end of the delivery wire.